

Attorn y Docket: 11927/46001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: RIESS et al

Group Art Unit: Not assigned

Application No.: Not assigned

Examiner: Not assigned

Filed: April 18, 2001

RELIABLE SYMBOLS AS A MEANS OF IMPROVING THE

PERFORMANCE OF INFORMATION TRANSMISSION SYSTEMS

## INFORMATION DISCLOSURE STATEMENT

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Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The paragraphs marked below are applicable.

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		A concise explanation of the relevance of the non-English language appears in the Appendix attached hereto.

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identif secre paten	ed Appication by as to	This application is one of a series of relatendix, which are directed to related technof those U.S. Patent Applications is not to those applications now or upon issuance examiner is respectfully requested to conherein during the examination.	nical subject matter. The o be construed as a waiver of e of the present application as a
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□ attach	11. ed here	English-language Abstracts of the non-leto.	English language references are
o	12. Ot	her.	
			Respectfully submitted,
Date:	4	18/01	Robert L. Hails, Jr. Registration No. 39,702

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Substitute	for form 1449A/PTC	)			Complete if Known	Je
				Application Number	Not assigned	
<b>INFO</b>	RMATION	DIS	CLOSURE	Filing Date	April 18, 2001	
STAT	EMENT B	Y A	PPLICANT	First Named Inventor	RIESS et al	
				Group Art Unit	Not assigned	<u> </u>
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Sheet	1	of	2	Attorney Docket Number	11927/46001	Ji

U.S. PATENT DOCUMENTS							
		U.S. Paten	t Document	Name of Patentee or Applicant	Date of Publication of Cited Document		
Examiner Initials *		Cite No.1	Number	Kind Code <sup>2</sup> (if known)	of Cited Document	MM-DD-YYYY	
		4,847,797		PICCHI et al	7/11/89		
_		5,214,675	Î	MUELLER et al	5/25/93		
-		5,444,712		BETTS et al	8/22/95		
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		5,940,440		WERNER et al	8/17/99		
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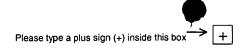
	FOREIGN PATENT DOCUMENTS								
Examiner	Cito	Foreign Patent Document		Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant	_		
Initials*	Cite No. <sup>1</sup>	Office <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> ( <i>if known</i> )	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	Т6	
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark hee if English language Translation is attached.



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Substitute for form 1449A/PTO Complete if Known Application Number Not assigned INFORMATION DISCLOSURE Filing Date April 18, 2001 STATEMENT BY APPLICANT First Named Inventor RIESS et al Group Art Unit Not assigned (use as many sheets as necessary) **Examiner Name** Not assigned 11927/46001 Attorney Docket Number Sheet

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
_		Kwon et al, "A Blind Equalization with the Variable Decision Region", Pers. Indoor and Mobile R. Comm., vol. 2, pp 322-326 (Sept. 1997)	
		Lee et al, "A Decision-Directed Blind Equalization with the Error Variance Estimation", vol. 1, pp 99-103, IEEE, (Oct. 1997)	
		Lee et al, "Convergence Analysis of the Stop-and-Go Blind Equalization Algorithm", IEEE Trans. Comm., vol. 47, no. 2, pp 177-180, (Feb. 1999)	
		Xu et al, "An Improved Decision-Directed Equalization Algorithm for MQAM Modulation", Chinese Journal of Electronics, vol. 9, pp 45-51 (1997)	
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Examiner	Date	
Signature	Considered	

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.